

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

oil FORCE Forks and Shocks 5W

Creation date	06. March 2017	Revision no.	2
Revision date	16. June 2017	Version	3

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1. Product identifier**
oil FORCE Forks and Shocks 5W
Substance / mixture mixture
Number 895596
Other mixture names olej tlumičový FORCE Forks and Shocks 5W
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use fork oil
Mixture uses advised against not available

1.3. Details of the supplier of the safety data sheet

Distributor

Name or trade name KCK Cyklosport-Mode s.r.o.
Address Bartošova 348, Otrokovice - Kvítkovice, 765 02
Czech Republic
Identification number (CRN) 18559751
VAT Reg No CZ 185 59 751
Phone +420 577 217 520
E-mail krejcirik@kckcyklosport.cz
Web address www.kckcyklosport.cz

Manufacturer

Name or trade name Nacházel, s.r.o.
Address Průmyslová 11/1472, Praha 10 - Hostivař, 10219
Czech Republic
Identification number (CRN) 25734458
VAT Reg No CZ25734458
Phone 222 351 140
E-mail maziva@nachazel.cz
Web address www.nachazel.cz



Competent person responsible for the safety data sheet

Name Ing. Zdeněk Nacházel
E-mail ing.zdenek@nachazel.cz

1.4. Emergency telephone number

Poisoning information centre, Na Bojišti 1, Praha, Czech Republic, Tel.: non-stop +420 224 919 293 or +420 224 915 402, Information on health risks only - acute poisoning of humans and animals

SECTION 2: Hazards identification

2.1. Substance or mixture classification

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Asp. Tox. 1, H304

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse physico-chemical effects

Unknown

Most serious adverse effects on human health and the environment

May be fatal if swallowed and enters airways.

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

oil FORCE Forks and Shocks 5W

Creation date	06. March 2017	Revision no.	2
Revision date	16. June 2017	Version	3

2.2. Label elements

Hazard pictogram



Signal word

Danger

Hazardous substances

Distillates (petroleum), heavy hydrocracked; Baseoil - unspecified; [A complex combination of hydrocarbons from the distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers in the

Hazard statements

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P102 Keep out of reach of children.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container to as hazardous waste.

Requirements for child-resistant fastenings and tactile warning of danger

Container must carry a tactile warning of danger. Container must be fitted with child-resistant fastening.

2.3. Other hazards

Substance does not meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No 1272/2008.

Flammable liquid. In the event of heating, the risk of combustion may be higher than the flash point. In the long-term, resp. repeated exposure may cause eye and skin irritation. Prolonged direct contact can lead to skin degreasing and subsequent irritation. Inhalation of the oil mist may irritate the respiratory tract. It is not expected to cause long-term adverse effects in the environment.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances specified below and additives.

The base oil has a value of DMSO less than 3%, and therefore not classified as a carcinogen.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
Index: 649-453-00-1 CAS: 64741-76-0 EC: 265-077-7 Registration number: 01-2119486951-26	Distillates (petroleum), heavy hydrocracked; Baseoil - unspecified; [A complex combination of hydrocarbons from the distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers in the	>90	Asp. Tox. 1, H304	1, 2

Notes

- Note L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.
- Fulfilled Note L

Full text of all classifications and hazard statements is given in the section 16.

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

oil FORCE Forks and Shocks 5W

Creation date	06. March 2017	Revision no.	2
Revision date	16. June 2017	Version	3

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this Safety Data Sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

Inhalation

Take care of your own safety, do not let the affected person walk! Terminate the exposure immediately; move the affected person to fresh air. Beware of the contaminated clothes. Depending on the situation, call the medical rescue service and ensure medical treatment considering the frequent need of further observation for at least 24 hours.

Skin contact

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

Eye contact

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes.

Ingestion

DO NOT INDUCE VOMITING! If the affected person vomits, make sure to prevent inhalation of the vomit (as there is a danger of lung damage after inhalation of these liquids in the airways also in infinitesimal amount). Provide medical treatment considering the frequent need of further observation for at least 24 hours. Bring an original container with the label and the Safety Data Sheet of the given substance as appropriate.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation

Cough, headache.

Skin contact

Not expected.

Eye contact

Not expected.

Ingestion

Irritation, nausea.

4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist

Unsuitable extinguishing media

water - full jet

5.2. Special hazards arising from the substance or mixture

Fire produces heavy, black smoke, with potential development of carbon monoxide and dioxide and other toxic gases. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale aerosols.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains.

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

oil FORCE Forks and Shocks 5W

Creation date	06. March 2017	Revision no.	2
Revision date	16. June 2017	Version	3

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per Section 13. Collected material should be disposed of in accordance with locally valid regulations. Upon an escape of large quantities of the product, inform the Fire Department and the Environmental Department of the Municipal Authority with extended scope of competencies. After removal of the product, wash the contaminated site with plenty of water or another suitable cleaning material. Do not use solvents.

6.4. Reference to other sections

7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not inhale aerosols. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight.

Storage class

10 - Other combustible liquids

Content

1 l

Packaging type

bottle

Material of package

PE-HD (2), Polyethylene - high-density, linear (Plastics)



PE-HD

Storage temperature

min 5 °C, max 40 °C

The specific requirements or rules relating to the substance/mixture

Solvent vapours are heavier than air and accumulate especially near the floor where they may form an explosive mixture with the air.

7.3. Specific end use(s)

Follow the instructions given in the information sheet or product label.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

none

Other information of limit values

DNEL: not listed, was not carried out a risk assessment

PNEC: not listed, was not carried out a risk assessment

8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.

Respiratory protection

Mask with a filter against organic vapours in a poorly ventilated environment.

Thermal hazard

not available

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

oil FORCE Forks and Shocks 5W

Creation date	06. March 2017	Revision no.	2
Revision date	16. June 2017	Version	3

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	oily liquid
Physical state	liquid at 20°C
color	yellow
Odour	characteristic
Odour threshold	data not available
pH	data not available
Melting point/freezing point	<-42 °C
Initial boiling point and boiling range	data not available
Flash point	>155 °C
Evaporation rate	data not available
Flammability (solid, gas)	data not available
Upper/lower flammability or explosive limits	
flammability limits	data not available
explosive limits	data not available
Vapour pressure	10 Pa at 20 °C
Vapour density	data not available
Relative density	data not available
Solubility(ies)	
solubility in water	insoluble
solubility in fats	data not available
Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	>245 °C
Decomposition temperature	data not available
Viscosity	data not available
Kinematic viscosity	14-16 mm ² /s at 40°C
Explosive properties	data not available
Oxidising properties	data not available
Data not available.	

9.2. Other information

Density	0.875 g/cm ³ at 15 °C
ignition temperature	data not available
combustion temperature	>175 °C

SECTION 10: Stability and reactivity

10.1. Reactivity

The mixture is non-flammable.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

The product is stable under normal conditions.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous products are formed at high temperature and in fire, such as carbon monoxide and carbon dioxide, heavy smoke and nitrogen oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No toxicological data is available for the mixture.

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

oil FORCE Forks and Shocks 5W

Creation date	06. March 2017	Revision no.	2
Revision date	16. June 2017	Version	3

Acute toxicity

May be fatal if swallowed and enters airways.

oil FORCE Forks and Shocks 5W

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD ₅₀	OECD 401	>5000 mg/kg		Rat (<i>Rattus norvegicus</i>)	

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

More information

Data not available.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

The product contains no substances with an effect against active action of microorganisms.

Distillates (petroleum), heavy hydrocracked; Baseoil - unspecified; [A complex combination of hydrocarbons from the distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers in the

Parameter	Method	Value	Time of exposure	Species	Environment
LD ₅₀	OECD 203	>100 mg/l	96 hour	Fishes (<i>Oncorhynchus mykiss</i>)	
NOEL	OECD 203	>100 mg/l	96 hour	Fishes (<i>Oncorhynchus mykiss</i>)	

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

oil FORCE Forks and Shocks 5W

Creation date	06. March 2017	Revision no.	2
Revision date	16. June 2017	Version	3

Distillates (petroleum), heavy hydrocracked; Baseoil - unspecified; [A complex combination of hydrocarbons from the distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers in the

Parameter	Method	Value	Time of exposure	Species	Environment
NOEL	OECD 201	>100 mg/l	72 hour	Algae (Selenastrum capricornutum)	
EC ₅₀	OECD 202	>10000 mg/l	48 hour	Daphnia (Daphnia magna)	
NOEL	OECD 202	>1000 mg/l		Daphnia (Daphnia magna)	

Chronic toxicity

Distillates (petroleum), heavy hydrocracked; Baseoil - unspecified; [A complex combination of hydrocarbons from the distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers in the

Parameter	Value	Time of exposure	Species	Environment
NOEL	10 mg/l	21 day	Fishes (Oncorhynchus mykiss)	

More information

Data not available.

12.2. Persistence and degradability

The product is not biodegradable.

12.3. Bioaccumulative potential

Insignificant.

12.4. Mobility in soil

The water and soil product is insoluble and mobile. Contamination of water courses may occur in case of rain.

12.5. Results of PBT and vPvB assessment

The product is not classified as PBT or vPvB.

12.6. Other adverse effects

Based difficult solubility product in water can be very well out of the water eliminated by abiotic processes such as e.g. mechanical removal.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Council Directive 75/442/EEC on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

13 01 10 mineral based non-chlorinated hydraulic oils

15 02 02 absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

Packaging waste type code

15 01 02 plastic packaging

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

oil FORCE Forks and Shocks 5W

Creation date	06. March 2017	Revision no.	2
Revision date	16. June 2017	Version	3

SECTION 14: Transport information

14.1. UN number

Not subject to ADR.

14.2. UN proper shipping name

not available

14.3. Transport hazard class(es)

not available

14.4. Packing group

not available

14.5. Environmental hazards

not available

14.6. Special precautions for user

not available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

15.2. Chemical safety assessment

not available

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H304 May be fatal if swallowed and enters airways.

Guidelines for safe handling used in the safety data sheet

P102 Keep out of reach of children.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container to as hazardous waste.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR European agreement concerning the international carriage of dangerous goods by road

BCF Bioconcentration Factor

CAS Chemical Abstracts Service

CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures

DNEL Derived no-effect level

EC Identification code for each substance listed in EINECS

EC₅₀ Concentration of a substance when it is affected 50% of the population

EINECS European Inventory of Existing Commercial Chemical Substances

EmS Emergency plan

EU European Union

IATA International Air Transport Association

IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

oil FORCE Forks and Shocks 5W

Creation date	06. March 2017	Revision no.	2
Revision date	16. June 2017	Version	3

IC ₅₀	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
log K _{ow}	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution From Ships
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Asp. Tox. Aspiration hazard

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.